

What is Claimed is:

1. An interproximal squirt brush, comprising:

a squeezable bottle having a solution cavity for containing a washing solution
and a hollow nozzle head having an opening communicating with said solution cavity;
5 and

a brush head, comprising:

an elongated brush arm having a brush portion and a resilient portion slidably
inserted into said opening of said squeezable bottle for providing an urging force against
an inner wall of said nozzle head, so as to hold said brush arm in position, wherein a
10 dispensing channel is formed between said resilient portion of said brush arm and said
inner wall of said nozzle head for allowing said washing solution to pass towards said
brush portion of said brush arm through said nozzle head; and

a brush member provided at said brush portion of said brush arm, thereby, when
a squeezing force is applied on said squeezable bottle, said washing solution is released
15 to deliver to said brush member through said dispensing channel of said nozzle head.

2. An interproximal squirt brush, as recited in claim 1, wherein a diameter of
said opening is slightly smaller than a width of said resilient portion of said brush arm
such that when said resilient portion of said brush arm is inserted into said opening of
said squeezable bottle, said resilient portion of said brush arm biases against said inner
20 wall of said nozzle head to slightly deform a shape of said nozzle head.

3. An interproximal squirt brush, as recited in claim 1, wherein said
dispensing channel is a clearance between said resilient portion of said brush arm and
said inner wall of said nozzle head, wherein said dispensing channel is capable of
allowing said washing solution passing therethrough towards said brush portion of said
25 brush arm.

4. An interproximal squirt brush, as recited in claim 2, wherein said
dispensing channel is a clearance between said resilient portion of said brush arm and

said inner wall of said nozzle head, wherein said dispensing channel is capable of allowing said washing solution passing therethrough towards said brush portion of said brush arm.

5 5. An interproximal squirt brush, as recited in claim 1, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm to form a U-shaped structure.

6. An interproximal squirt brush, as recited in claim 2, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm to form a U-shaped structure.

10 7. An interproximal squirt brush, as recited in claim 4, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm to form a U-shaped structure.

15 8. An interproximal squirt brush, as recited in claim 1, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm to form a U-shaped structure and then twisting said tail portion of said wiring arm in continuous "8" shaped.

20 9. An interproximal squirt brush, as recited in claim 2, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm to form a U-shaped structure and then twisting said tail portion of said wiring arm in continuous "8" shaped.

10. An interproximal squirt brush, as recited in claim 4, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm to form a U-shaped structure and then twisting said tail portion of said wiring arm in continuous "8" shaped.

25 11. An interproximal squirt brush, as recited in claim 1, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by twisting a tail portion of said wiring arm into a snake-liked manner.

12. An interproximal squirt brush, as recited in claim 2, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by twisting a tail portion of said wiring arm into a snake-liked manner.

13. An interproximal squirt brush, as recited in claim 4, wherein said brush
5 arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by twisting a tail portion of said wiring arm into a snake-liked manner.

14. An interproximal squirt brush, as recited in claim 1, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm into a V-liked manner.

10 15. An interproximal squirt brush, as recited in claim 2, wherein said brush arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm into a V-liked manner.

16. An interproximal squirt brush, as recited in claim 4, wherein said brush
15 arm comprises a wiring arm, wherein said resilient portion of said brush arm is formed by bending a tail portion of said wiring arm into a V-liked manner.

17. An interproximal squirt brush, as recited in claim 14, wherein said
squeezable bottle further has at least a locking latch integrally protruded from said inner
wall of said nozzle head, wherein said resilient portion of said brush arm is slidably
inserted into said nozzle head of said squeezable bottle until a free end of said wiring arm
20 of said brush arm is biased against said locking latch of said nozzle head so as to block
said brush head from sliding out of said nozzle head.

18. An interproximal squirt brush, as recited in claim 15, wherein said
squeezable bottle further has at least a locking latch integrally protruded from said inner
wall of said nozzle head, wherein said resilient portion of said brush arm is slidably
25 inserted into said nozzle head of said squeezable bottle until a free end of said wiring arm
of said brush arm is biased against said locking latch of said nozzle head so as to block
said brush head from sliding out of said nozzle head.

19. An interproximal squirt brush, as recited in claim 16, wherein said
squeezable bottle further has at least a locking latch integrally protruded from said inner

wall of said nozzle head, wherein said resilient portion of said brush arm is slidably inserted into said nozzle head of said squeezable bottle until a free end of said wiring arm of said brush arm is biased against said locking latch of said nozzle head so as to block said brush head from sliding out of said nozzle head.

5 20. An interproximal squirt brush, as recited in claim 7, wherein said squeezable bottle further has a sealing cap sealedly mounted at said opening of said squeezable bottle for retaining a predetermined volume of said washing solution in said solution cavity, wherein said sealing cap is adapted to be torn off from opening of said nozzle head for dispensing said washing solution.

10 21. An interproximal squirt brush, as recited in claim 10, wherein said squeezable bottle further has a sealing cap sealedly mounted at said opening of said squeezable bottle for retaining a predetermined volume of said washing solution in said solution cavity, wherein said sealing cap is adapted to be torn off from opening of said nozzle head for dispensing said washing solution.

15 22. An interproximal squirt brush, as recited in claim 13, wherein said squeezable bottle further has a sealing cap sealedly mounted at said opening of said squeezable bottle for retaining a predetermined volume of said washing solution in said solution cavity, wherein said sealing cap is adapted to be torn off from opening of said nozzle head for dispensing said washing solution.

20 23. An interproximal squirt brush, as recited in claim 16, wherein said squeezable bottle further has a sealing cap sealedly mounted at said opening of said squeezable bottle for retaining a predetermined volume of said washing solution in said solution cavity, wherein said sealing cap is adapted to be torn off from opening of said nozzle head for dispensing said washing solution.

25 24. An interproximal squirt brush, as recited in claim 7, wherein said brush head further comprises a liquid guider, having at least a dispensing hole, mounted on said brush arm, wherein when said resilient portion is slidably inserted into said nozzle head, said liquid guider is attached to said opening of said nozzle to communicate said dispensing hole with said solution cavity for delivering said washing solution from said
30 solution cavity through said dispensing hole.

25. An interproximal squirt brush, as recited in claim 10, wherein said brush head further comprises a liquid guider, having at least a dispensing hole, mounted on said brush arm, wherein when said resilient portion is slidably inserted into said nozzle head, said liquid guider is attached to said opening of said nozzle to communicate said dispensing hole with said solution cavity for delivering said washing solution from said solution cavity through said dispensing hole.

26. An interproximal squirt brush, as recited in claim 13, wherein said brush head further comprises a liquid guider, having at least a dispensing hole, mounted on said brush arm, wherein when said resilient portion is slidably inserted into said nozzle head, said liquid guider is attached to said opening of said nozzle to communicate said dispensing hole with said solution cavity for delivering said washing solution from said solution cavity through said dispensing hole.

27. An interproximal squirt brush, as recited in claim 16, wherein said brush head further comprises a liquid guider, having at least a dispensing hole, mounted on said brush arm, wherein when said resilient portion is slidably inserted into said nozzle head, said liquid guider is attached to said opening of said nozzle to communicate said dispensing hole with said solution cavity for delivering said washing solution from said solution cavity through said dispensing hole.

28. An interproximal squirt brush, as recited in claim 4, wherein said squeezable bottle further comprises a bottle body defining said solution cavity therein wherein said bottle body has a threaded portion formed at an opening portion of said bottle body and said nozzle head has a corresponding threaded portion rotatably engaged with said threaded portion of said bottle body so as to detachably attach said nozzle head to said bottle body for delivering said washing solution from said solution cavity to said opening of said nozzle head.

29. An interproximal squirt brush, as recited in claim 4, wherein said squeezable bottle further comprises a bottle body defining said solution cavity therein wherein said bottle body has a threaded portion formed at an opening portion of said bottle body and said nozzle head has a corresponding threaded portion rotatably engaged with said threaded portion of said bottle body so as to detachably attach said nozzle head to said bottle body for delivering said washing solution from said solution cavity to said opening of said nozzle head.

30. An interproximal squirt brush, as recited in claim 10, wherein said squeezable bottle further comprises a bottle body defining said solution cavity therein wherein said bottle body has a threaded portion formed at an opening portion of said bottle body and said nozzle head has a corresponding threaded portion rotatably engaged with said threaded portion of said bottle body so as to detachably attach said nozzle head to said bottle body for delivering said washing solution from said solution cavity to said opening of said nozzle head.

31. An interproximal squirt brush, as recited in claim 13, wherein said squeezable bottle further comprises a bottle body defining said solution cavity therein wherein said bottle body has a threaded portion formed at an opening portion of said bottle body and said nozzle head has a corresponding threaded portion rotatably engaged with said threaded portion of said bottle body so as to detachably attach said nozzle head to said bottle body for delivering said washing solution from said solution cavity to said opening of said nozzle head.

32. An interproximal squirt brush, as recited in claim 16, wherein said squeezable bottle further comprises a bottle body defining said solution cavity therein wherein said bottle body has a threaded portion formed at an opening portion of said bottle body and said nozzle head has a corresponding threaded portion rotatably engaged with said threaded portion of said bottle body so as to detachably attach said nozzle head to said bottle body for delivering said washing solution from said solution cavity to said opening of said nozzle head.